

Figure 2

4	9																				
Be	B																				
12	4	Mg	24	12	20	28	36	44	52	60	68	76	84	92	100	108	116				
Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Al									
38	45	48	51	52	55	56	59	60	63	65	69	70									
Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn									
88	89	90	91	92	93	94	95	96	97	98	99	101	102								
Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi								
138	139	140	141	142	143	144	145	146	147	148	149	150	151								
Ra	Ac																				
88	89																				
Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu								
58	59	60	61	62	63	64	65	66	67	68	69	70	71								
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No									
90	91	92	93	94	95	96	97	98	99	100	101	102	103								

Figure 3

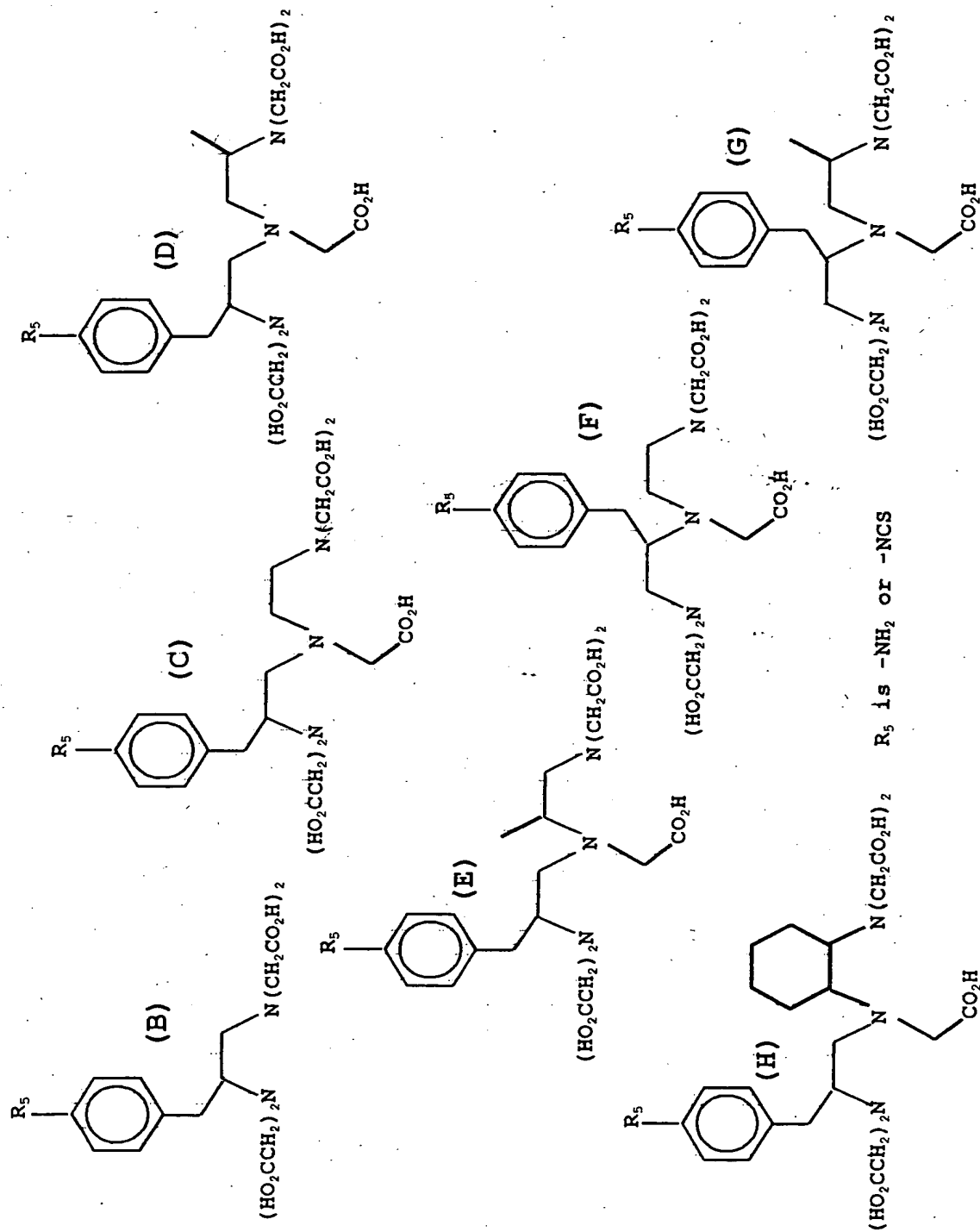


Figure 4

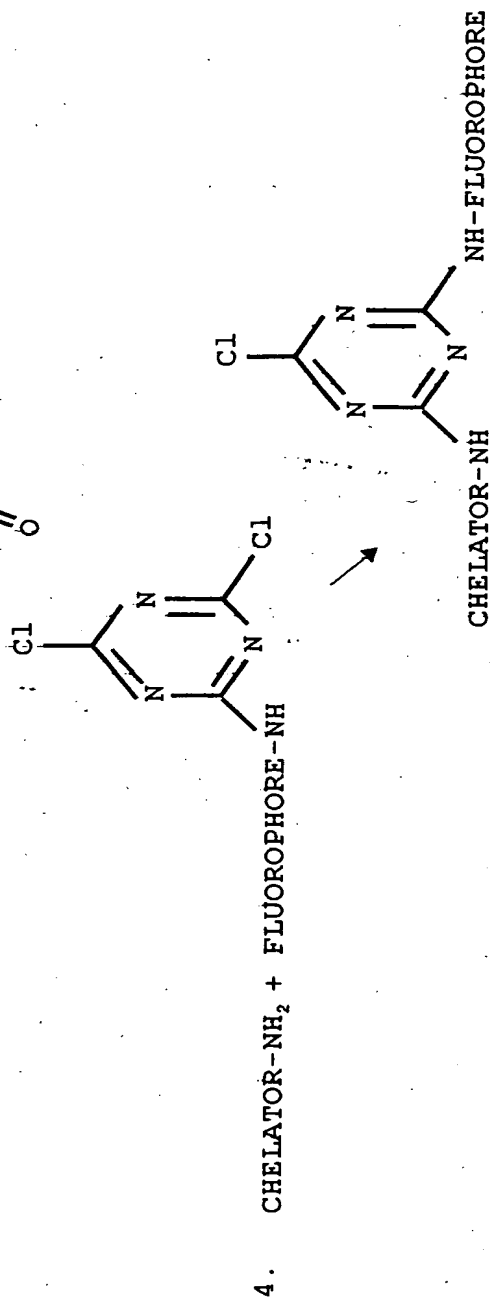
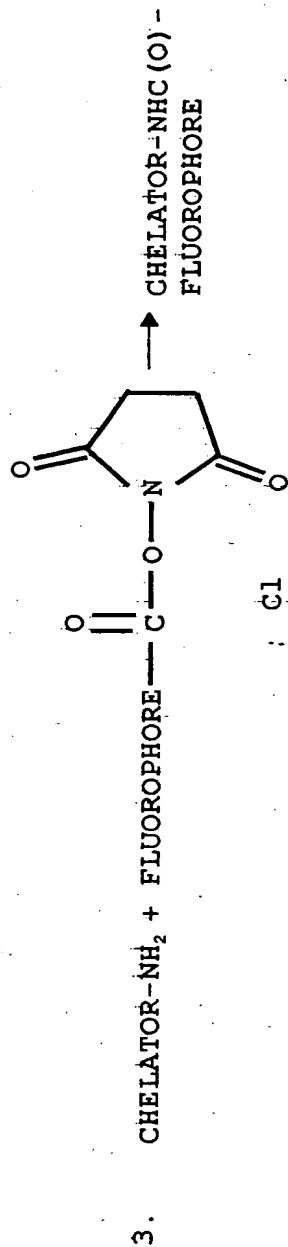
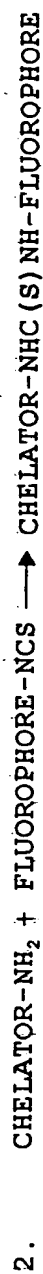
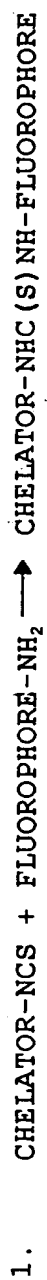


Figure 5

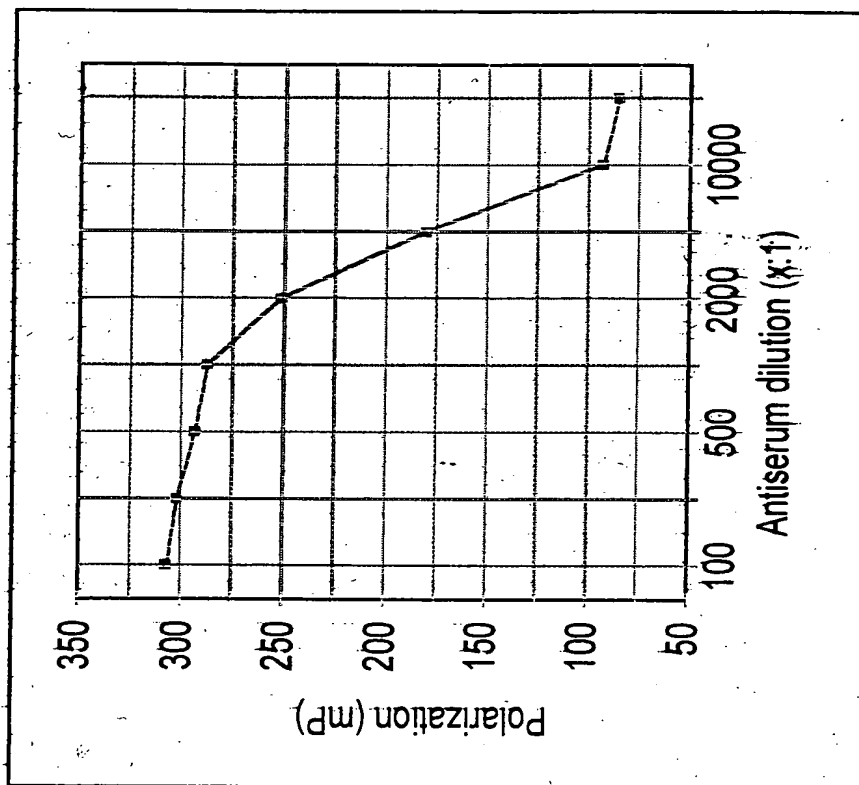


Figure 6

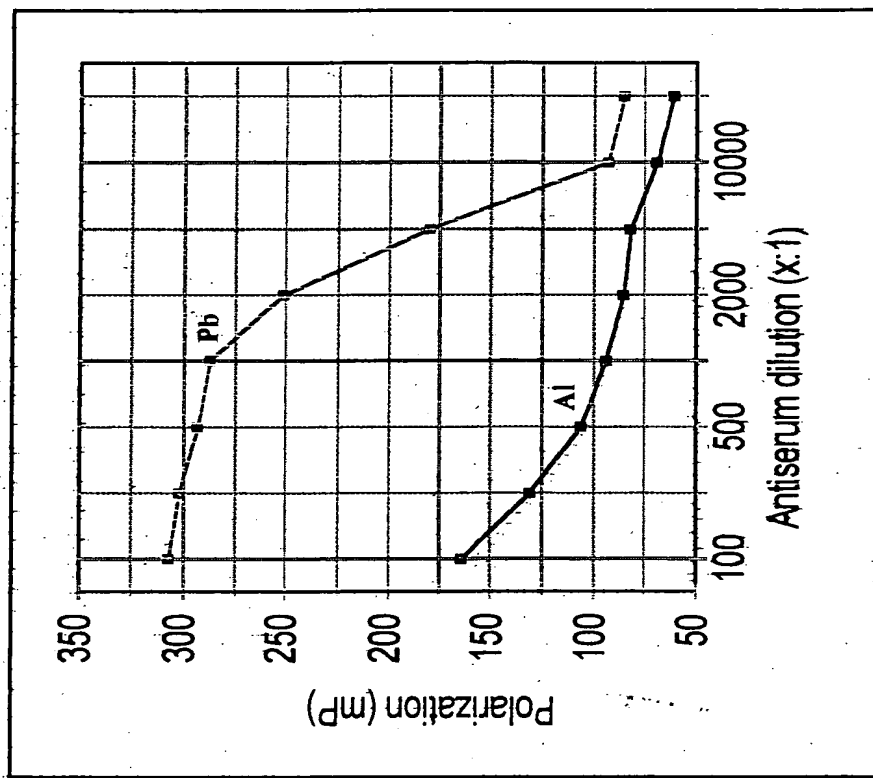
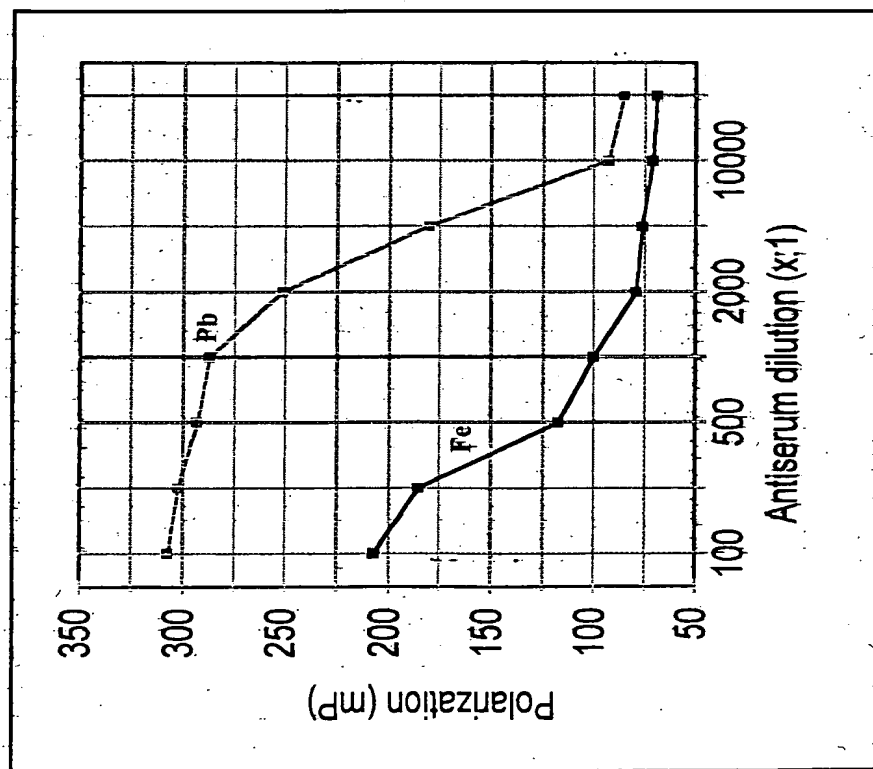


Figure 7

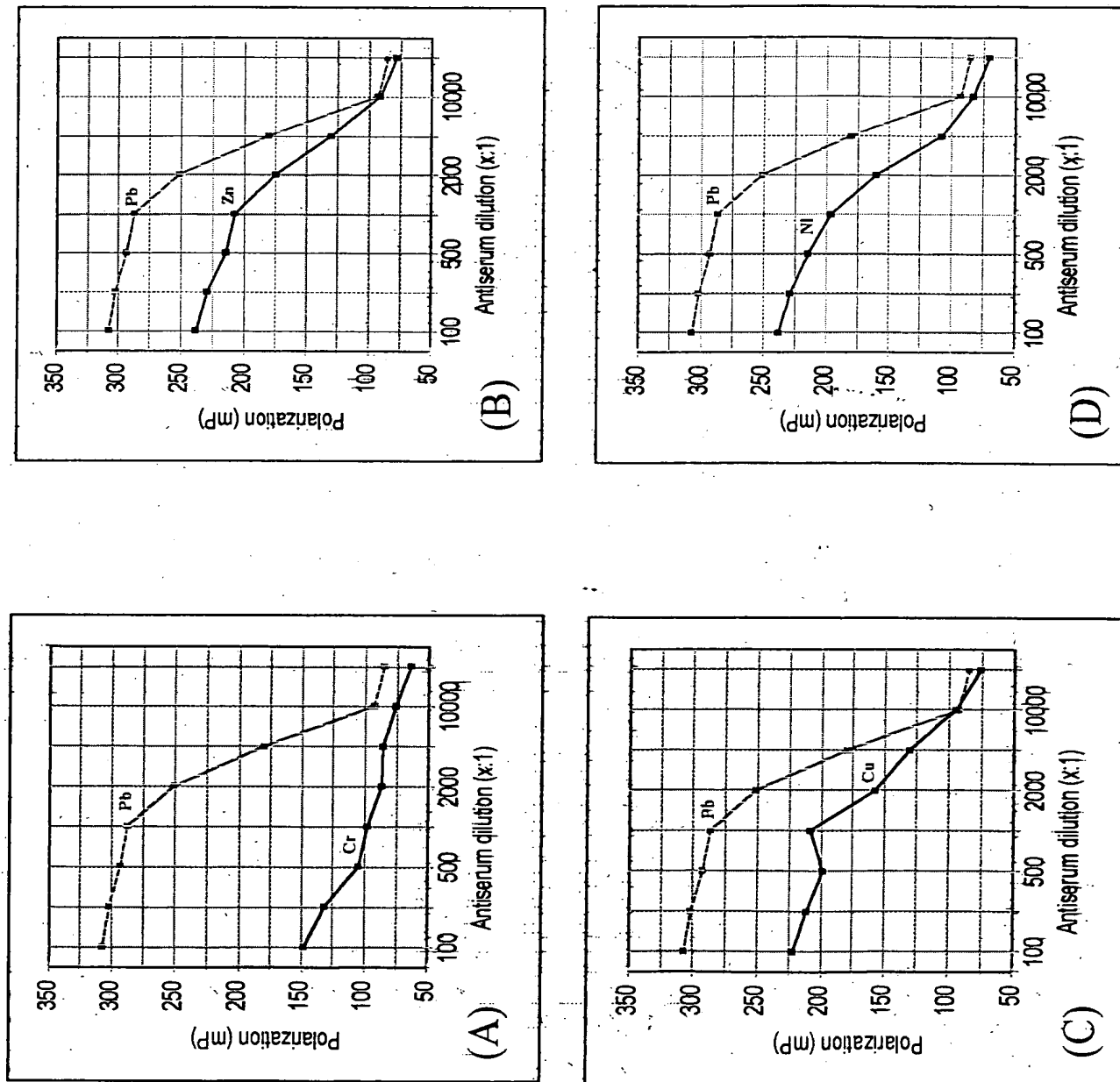


Figure 8.

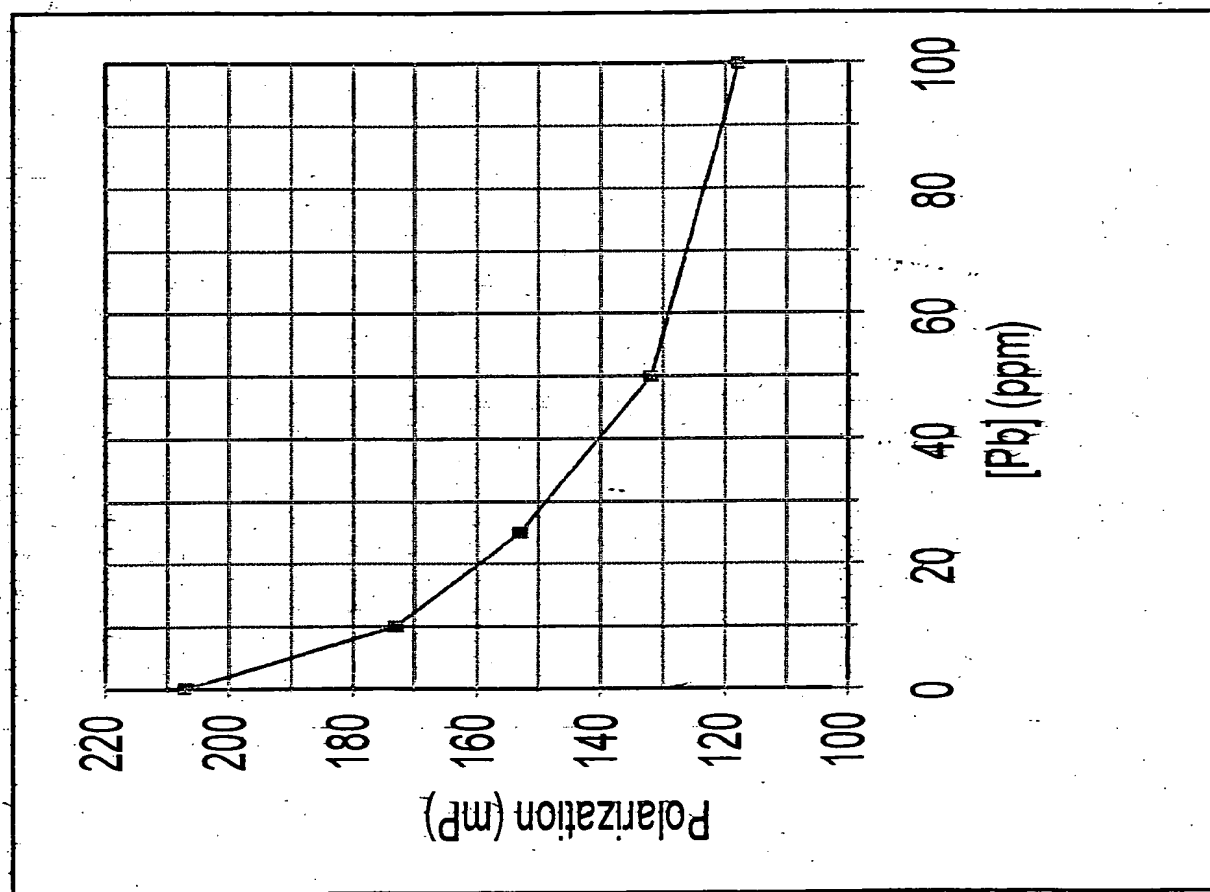


Figure 9

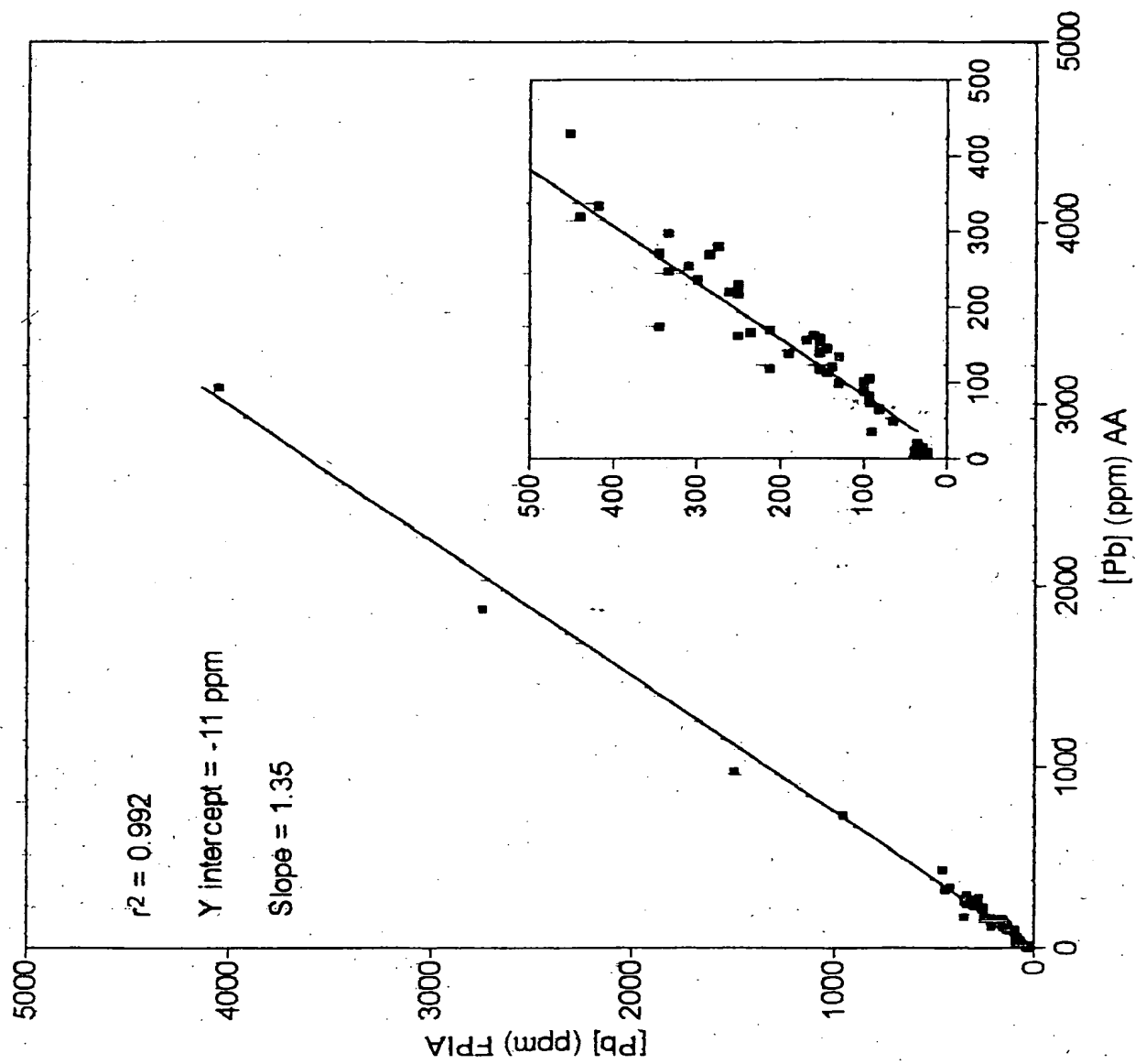


Figure 10

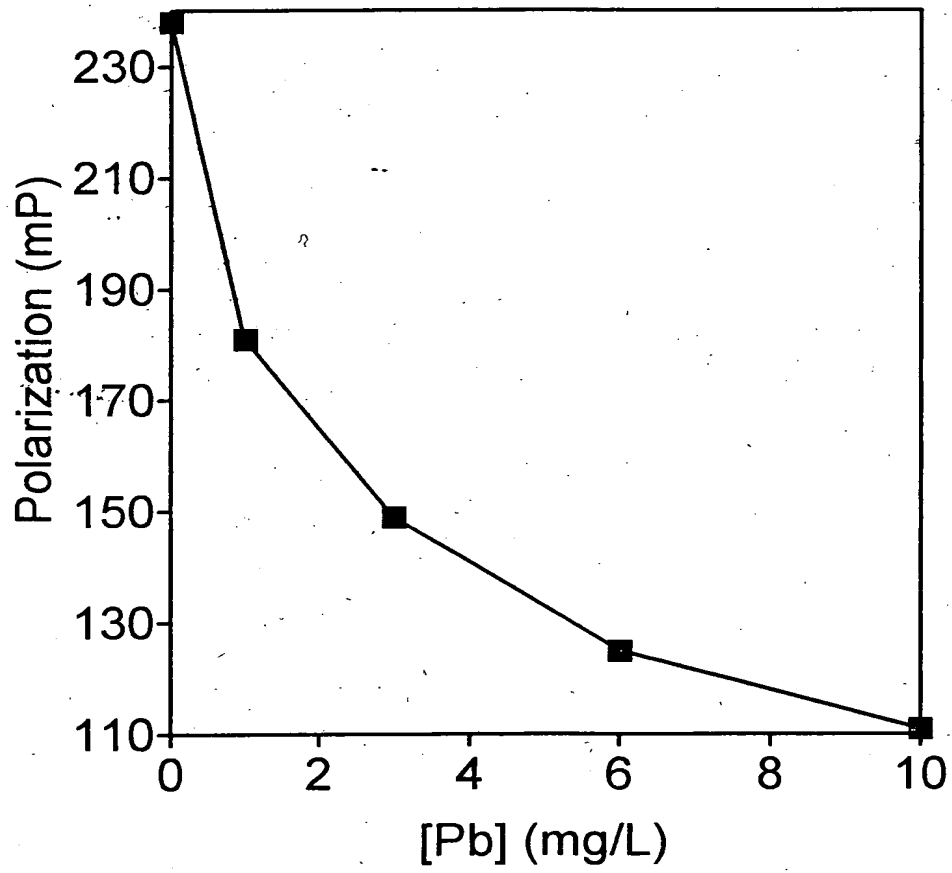


Figure 11

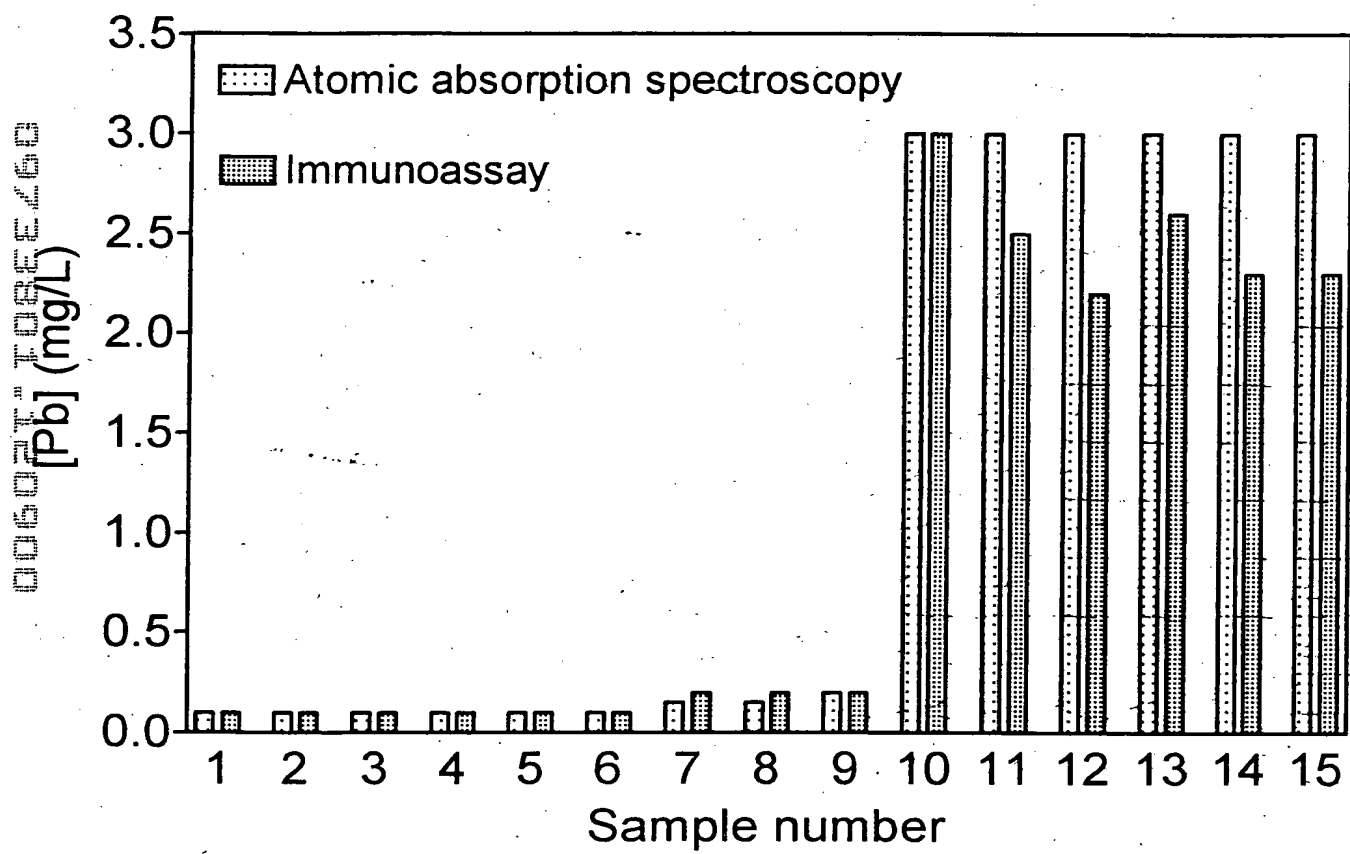


Figure 12

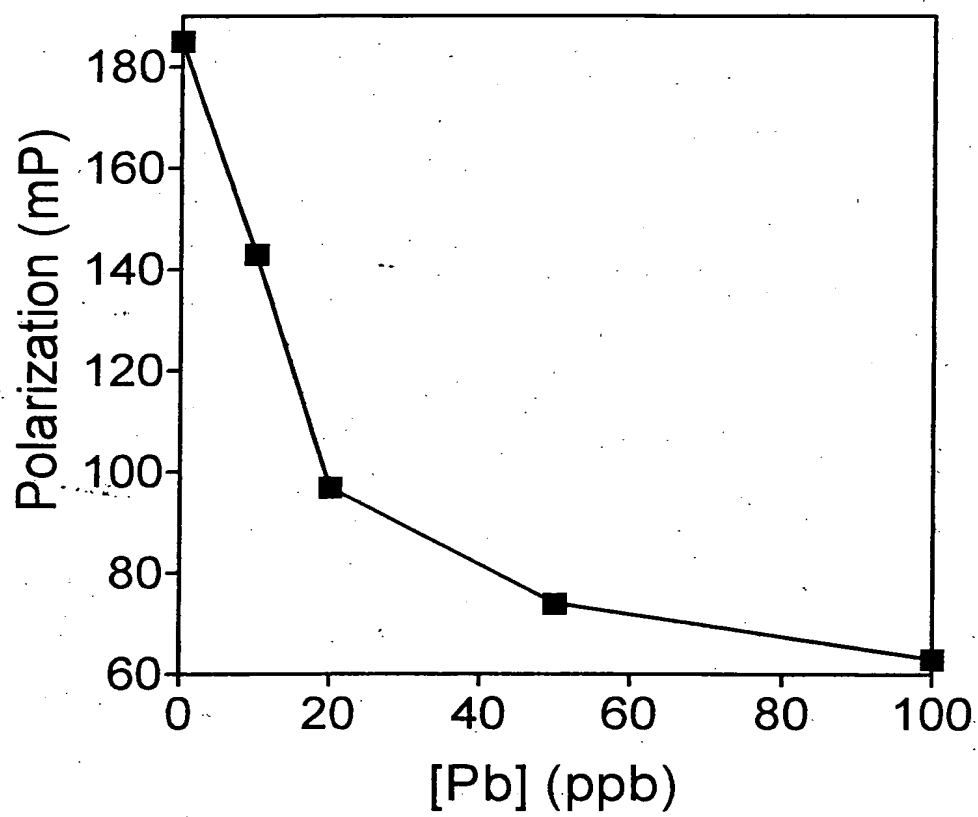


Figure 13

